



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

26 September 2013

Jim Fleer  
Oxford Environmental & Safety, Inc  
14348 Nieman Rd.  
Overland Park, KS 66221

RE: Arkwood Monthly Sampling  
SDG Number: 1309211

Enclosed are the results of analyses for samples received by the laboratory on 19-Sep-13 09:35. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Preservation Confirmed	✓
Received On Ice	✓
Temperature on Receipt	3.0°C

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

Norma James  
President

26 September 2013



Jim Fleer  
Oxford Environmental & Safety, Inc  
14348 Nieman Rd.  
Overland Park, KS 66221  
Project: Arkwood Monthly Sampling

Date Received: 19-Sep-13 09:35

#### **ANALYTICAL RESULTS**

---

Lab Number: 1309211-01  
Sample Name: Mouth  
Date/Time Collected: 9/18/13 11:15  
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	54.6		9/24/13 14:17	A309238	8270D
2,4,6-Tribromophenol [surr]	%	95.3		9/24/13 14:17	A309238	8270D
2-Fluorophenol [surr]	%	43.9		9/24/13 14:17	A309238	8270D
Phenol-d5 [surr]	%	28.4		9/24/13 14:17	A309238	8270D

#### **ANALYTICAL RESULTS**

---

Lab Number: 1309211-02  
Sample Name: Weir  
Date/Time Collected: 9/18/13 10:45  
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	< 1.00		9/24/13 14:38	A309238	8270D
2,4,6-Tribromophenol [surr]	%	71.6		9/24/13 14:38	A309238	8270D
2-Fluorophenol [surr]	%	24.6		9/24/13 14:38	A309238	8270D
Phenol-d5 [surr]	%	16.9		9/24/13 14:38	A309238	8270D

26 September 2013



Jim Fleer  
Oxford Environmental & Safety, Inc  
14348 Nieman Rd.  
Overland Park, KS 66221  
Project: Arkwood Monthly Sampling

Date Received: 19-Sep-13 09:35

## QUALITY CONTROL RESULTS

### Semivolatiles - Quality Control Analyzed: 24-Sep-13 12:31 By: TB

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch A309238 - 3510C Modified

##### Blank (A309238-BLK1)

Prepared: 23-Sep-13 Analyzed: 24-Sep-13

Pentachlorophenol	ND	1.00	ug/L							
Surrogate: 2,4,6-Tribromophenol	29.7		"	40.0		74.1	26-130			
Surrogate: 2-Fluorophenol	18.5		"	40.0		46.3	10-80			
Surrogate: Phenol-d5	13.4		"	40.0		33.5	10-58			

##### LCS (A309238-BS1)

Prepared: 23-Sep-13 Analyzed: 24-Sep-13

Pentachlorophenol	33.5	1.00	ug/L	40.0		83.7	69-129			
Surrogate: 2,4,6-Tribromophenol	37.5		"	40.0		93.7	26-130			
Surrogate: 2-Fluorophenol	18.8		"	40.0		47.1	10-80			
Surrogate: Phenol-d5	14.9		"	40.0		37.1	5-58			

##### Matrix Spike (A309238-MS1)

Source: 1309204-01

Prepared: 23-Sep-13 Analyzed: 24-Sep-13

Pentachlorophenol	31.2	1.00	ug/L	40.0	0.00	78.0	50-139			
Surrogate: 2,4,6-Tribromophenol	35.0		"	40.0		87.4	26-130			
Surrogate: 2-Fluorophenol	21.7		"	40.0		54.3	10-80			
Surrogate: Phenol-d5	17.1		"	40.0		42.8	10-58			

##### Matrix Spike Dup (A309238-MSD1)

Source: 1309204-01

Prepared: 23-Sep-13 Analyzed: 24-Sep-13

Pentachlorophenol	35.7	1.00	ug/L	40.0	0.00	89.3	50-139	13.6	27	
Surrogate: 2,4,6-Tribromophenol	36.8		"	40.0		92.0	26-130			
Surrogate: 2-Fluorophenol	24.0		"	40.0		60.1	10-80			
Surrogate: Phenol-d5	18.3		"	40.0		45.8	10-58			

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

A handwritten signature in blue ink that reads "Norma James".

Norma James  
President

[illegible]